

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

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U.S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE

RELEASED: August 13, 1990, 3 P.M., CDT
VOL. 11, NO. 22

CROPS

Corn and soybean conditions improved last week with 92% of the corn crop rated in good to excellent condition. Soybean crop conditions are somewhat variable across the State due to late planting, but 73% of the crop is rated in good to excellent condition. Oat harvest is drawing to a close in Northern Illinois with many farmers now baling oat straw. Grain producers have begun preparing grain bins for storage of this year's crop. Last week farmers were mowing diverted acres and roadsides, baling hay, and harvesting sweet corn. For the week of August 4-10, there was an average of five and three-quarter days suitable for fieldwork.

Condition of the **CORN** crop on August 10 was reported as 18% excellent, 74% good, 6% fair and 2% poor. Ninety-two percent of the crop had silked (tasseled) by August 12, compared to complete for last year and the five-year average (1984-88). Forty-three percent was in the dough stage, compared to 75% last year and the average of 81%. Three percent of the crop was in the dent stage compared to 17% last year and the average of 37%.

Condition of the **SOYBEAN** crop on August 10 was 7% excellent, 66% good, 26% fair and 1% poor. By August 12, 83% of the soybeans were blooming, compared to complete last year and the average of 99%. Fifty-one percent of the crop was setting pods, compared to 90% for both last year and the average.

By August 12, 98% of the **OAT** crop had been harvested compared to complete for both last year and the average.

Condition of the **SORGHUM** crop on August 10 was 10% excellent, 50% good, 34% fair, and 6% poor. By August 12, 15% of the crop was heading compared to 78% last year.

ALFALFA HAY condition, as of August 10, was reported as 16% excellent, 65% good, 17% fair, and 2% poor. Cutting of the second crop was 96% complete by August 12, compared to complete for both last year and the average. Cutting of the third crop was 24% complete compared to 53% last year and the average of 48%.

PASTURE condition, as of August 10, was reported as 14% excellent, 65% good, 17% fair, 2% poor, and 2% very poor.

SOIL MOISTURE, as of August 10, was reported as 17% short, 82% adequate and 1% surplus.

ILLINOIS DISTRICT SUMMARY

	:	:	:	Days	:	Soil		
District	:	Soybeans %	:	Corn	:	Suitable	:	Moisture Percent
	:	Blooming	:	% Silked	:	For	:	-----
	:		:		:	Fieldwork	:	Short:Adq.:Surplus
	:	As of August 12		As of August 10				
Northwest	:	90	:	98	:	6.5	:	5 95 0
Northeast	:	80	:	97	:	6.5	:	0 100 0
West	:	85	:	95	:	5.5	:	0 90 10
Central	:	90	:	99	:	5.0	:	0 100 0
East	:	95	:	99	:	5.5	:	0 100 0
W Southwest	:	85	:	90	:	5.5	:	5 95 0
E Southeast	:	70	:	85	:	6.5	:	60 40 0
Southwest	:	70	:	75	:	5.5	:	35 65 0
Southeast	:	70	:	60	:	6.0	:	45 55 0
State	:	83	:	92	:	5.75	:	17 82 1
5-Year Avg.	:	99	:	100	:		:	

PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
July	4.37	3.71	4.71	6.97	5.23	4.42	2.69	3.43	3.57	4.34
Departure	0.52	0.19	0.92	3.37	1.39	1.00	-1.12	-0.12	-0.15	0.66

JULY WEATHER SUMMARY

TEMPERATURES WERE SLIGHTLY BELOW NORMAL DURING JULY IN ILLINOIS. PRECIPITATION WAS ABOVE THE NORM FOR THE THIRD CONSECUTIVE MONTH.

MONTHLY TEMPERATURES AVERAGED 1 DEGREE BELOW NORMAL. THE FIRST HALF OF THE MONTH RECORDED ABOVE NORMAL READINGS AS HIGHS CLIMBED INTO THE 80'S AND 90'S. MAXIMUM TEMPERATURES IN THE SOUTH ROSE ABOVE THE 100 DEGREE MARK. A COOL TREND DEVELOPED DURING MID-MONTH WITH LOWS DROPPING INTO THE 40'S. THE COOL PERIOD CONTINUED THROUGH THE END OF THE MONTH WITH BRIEF WARM PERIODS. BROWNSTOWN (IN THE EAST-SOUTHEAST DISTRICT) RECORDED THE HIGHEST TEMPERATURE, 103 DEGREES ON THE 4TH. BROWNSTOWN ALSO RECORDED THE LOWEST MINIMUM READING, 48 DEGREES ON THE 12TH.

THE AVERAGE PRECIPITATION FOR THE STATE WAS 0.66 OF AN INCH ABOVE NORMAL. THE CENTRAL DISTRICT RECORDED THE GREATEST AVERAGE PRECIPITATION WITH 6.97 INCHES (3.37 INCHES ABOVE NORMAL). PEORIA (IN THE CENTRAL DISTRICT) RECORDED THE GREATEST PRECIPITATION TOTAL FOR THE MONTH WITH 9.18 INCHES. ON THE 21ST MORE THAN 2.5 INCHES FELL DURING A 24-HOUR PERIOD THERE. ROCKFORD (IN THE NORTHWEST DISTRICT) ALSO RECORDED 2.71 INCHES ON THE 19TH AND 20TH. THESE HEAVY RAINS CAUSED SOME FLOODING IN THE NORTHERN AND CENTRAL PORTIONS OF THE STATE. THE SOUTHEAST THIRD OF ILLINOIS RECEIVED BELOW NORMAL RAINFALL WITH THE SOUTHEAST DISTRICT RECORDING 1.12 INCHES BELOW THE NORM.

THE OUTLOOK FOR THE REMAINDER OF AUGUST IS FOR TEMPERATURES AND PRECIPITATION TO BE NEAR NORMAL.

THE 90-DAY OUTLOOK FOR ILLINOIS FROM AUGUST THROUGH OCTOBER IS FOR NEAR NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION.

WEATHER

COOL WEATHER MUCH OF THE WEEK RESULTED IN AVERAGE TEMPERATURES AVERAGING 5 TO 8 DEGREES BELOW NORMAL ACROSS ILLINOIS. WITH AVERAGE HIGHS FROM THE UPPER 70'S NORTH TO AROUND 80 SOUTH, ACCUMULATIONS OF BASE 50 GROWING DEGREE DAYS RANGED FROM LESS THAN 120 IN THE NORTH TO AROUND 150 IN THE EXTREME SOUTH. THOSE VALUES ARE FROM 20 TO 40 BELOW NORMAL FOR THE PERIOD. SEASON TOTALS SINCE MAY 1, RANGE FROM LESS THAN 1650 IN THE NORTH TO AROUND 2300 IN THE SOUTH. THAT IS FROM ONE TO OVER TWO HUNDRED BELOW NORMAL IN MUCH OF THE STATE.

SEVEN DAY RAIN TOTALS VARIED WIDELY WITH LITTLE IF ANY REPORTED IN PARTS OF THE SOUTH BUT OVER 3 INCHES AT CARBONDALE AND OVER 2 INCHES AT KILBOURNE AND AT CHICAGO. ALTHOUGH THE WEEK WAS RELATIVELY DRY, SEASON TOTALS ARE FROM 3 TO MORE THAN 8 INCHES ABOVE NORMAL OVER MOST OF THE STATE.

WARMING DURING THE MIDDLE AND LAST PART OF THIS WEEK SHOULD PUT HIGHS INTO THE MID 80'S TO LOW 90'S BY FRIDAY THE 17TH. PRECIPITATION MAY BE LIMITED TO SHOWERS IN THE NORTH MID WEEK WITH LITTLE IF ANY RAIN FORECAST FOR THE SOUTH HALF OF THE STATE.

Week ending 8 A.M. Monday, August 13, 1990

Location	Temperatures			Precipitation			Growing Degree Days(50F)		
	: Maxi-	: Mini-	: Depar-	: Curr.:	: Since:	: Departure	: Curr.:	: Since:	: Departure
	: mum	: mum	: ture	: week	: May 1:	: since May 1:	: week	: May 1:	: since May 1
ELIZABETH	77	53	-5	0.06	15.42	1.31	116	1668	-202
ROCKFORD	78	57	-3	0.49	21.03	6.50	131	1824	-60
CHICAGO	79	58	-3	2.08	15.93	3.50	134	1854	-17
CHI BOTANICAL	75	57	-8	0.78	16.87	3.77	118	1620	-423
ELWOOD	77	53	-7	0.71	18.62	4.87	115	1815	-96
WATSEKA	77	54	-6	0.89	20.54	5.70	116	1807	-226
PERU	77	57	-6	1.40	23.31	9.91	122	1850	-260
MOLINE	80	58	-4	0.34	21.45	6.36	141	1994	-78
PEORIA	76	58	-6	0.12	24.11	10.92	128	1931	-158
KILBOURNE	79	56	-7	2.13	27.42	13.56	129	2013	-186
MONMOUTH	77	58	-6	0.73	22.28	8.51	129	1877	-246
QUINCY	79	60	-5	0.31	19.60	5.22	141	2063	-153
PERRY	80	55	-7	0.30	18.68	5.18	131	1989	-265
SPRINGFIELD	79	59	-5	1.13	25.79	13.76	139	2133	-116
URBANA	77	56	-6	0.67	17.40	3.86	124	1990	-149
WINDSOR	80	56	-7	0.44	16.71	2.67	130	2074	-171
TERRE HAUTE	81	57	-5	0.72	19.84	5.99	139	2049	-109
ST LOUIS	82	63	NA	0.18	17.05	NA	162	2450	NA
BELLEVILLE	81	57	-7	0.40	13.15	0.56	139	2207	-118
BROWNSTOWN	78	58	-6	0.43	17.49	3.40	134	2019	-233
IUKA	80	53	-9	0.02	20.79	7.94	123	2006	-332
LAWRENCEVILLE	83	56	NA	0.02	21.52	NA	140	2053	NA
VINCENNES	82	56	-6	0.06	23.31	8.89	139	2084	-179
DIXON SPRINGS	81	56	-9	0.00	19.13	5.41	135	2288	-150
PADUCAH	82	59	-7	0.06	14.51	0.35	150	2378	-81
OLIVE BRANCH	80	59	-7	0.82	13.96	-0.51	142	2334	-64
CARBONDALE	81	56	-7	3.19	16.81	2.91	139	2219	-136
C GIRARDEAU	81	61	NA	0.42	14.00	NA	153	2456	NA

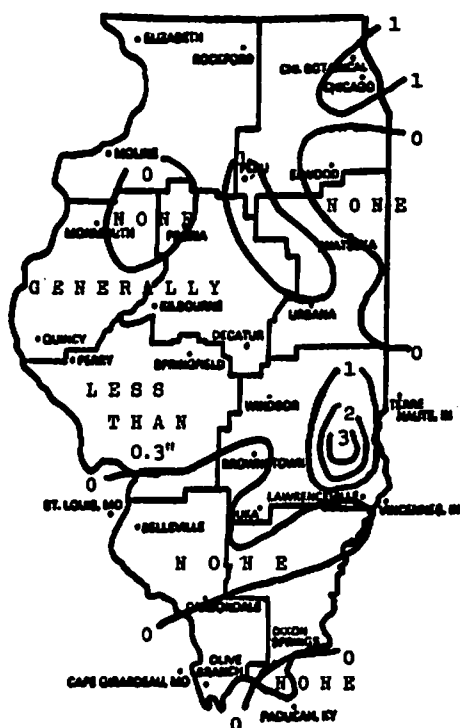
Information above provided by Midwest Agricultural Weather Service Center
Purdue University, West LaFayette, Indiana 47907

NEWSPAPER TIME VALUE

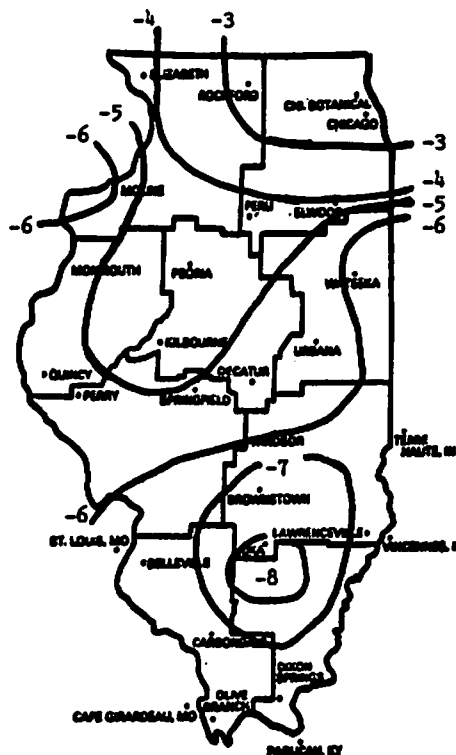
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Illinois Weather & Crops (ISSN 0273-8635) is published weekly April-November, semiweekly the second week of June, monthly December-March, by the Illinois Dept. of Agriculture, Illinois Agricultural Statistics Service, Room 54, Department of Agriculture Bldg., 801 Sangamon Ave., Springfield, IL 62702. For information on subscribing, send request to the above address. Second-class postage paid at Springfield, Illinois. Postmaster: Send Address Change to Illinois Weather & Crops, P.O. Box 19283, Springfield, IL 62794-9283.

Weather maps provided by Illinois State Water Survey
Champaign, Illinois 61820



PRECIPITATION (INCHES)
AUG. 7-13, 1990



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) AUG. 7-13, 1990

CROP INFORMATION in this report is provided voluntarily by
county officials of Extension Service and SCS, and agribusiness managers.